



This roadmap is a recommended semester-by-semester plan of study for this major. However, courses and milestones designated as critical (in boldface and shaded areas) must be completed in the semester listed to ensure a timely graduation.

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
Semester One: [13 Credit Hours]					
Note: Students who have earned an Associate of Science degree will receive 31 credits and will not have to take the lower-division general electives. A 2.750 cumulative GPA is required for admission to this program.					
COMT 11000 Introduction to Computer Systems <i>or</i> CS 10001 Computer Literacy <i>or</i> MIS 24053 Computer Applications	3				
PSYC 11762 General Psychology	3				Fulfills Kent Core Social Sciences and domestic diversity
US 10097 Destination Kent State: First Year Experience	1				Not required of transfer students with 25 credits
Kent Core Requirement	3				See Kent Core Summary on page 2
General Elective (lower division)	3				Not required for AS degree holders
Semester Two: [13-14 Credit Hours]					
MATH 11009 Modeling Algebra <i>or</i> MATH 11010 Algebra for Calculus	3-4				Fulfills Kent Core Mathematics and Critical Reasoning
Kent Core Requirement	3				
Kent Core Requirement	3				
Kent Core Requirement	1				
General Elective (lower division)	3				Not required for AS degree holders
Semester Three: [12-14 Credit Hours]					
PHY 12111 Physics for Health Technologies (3) <i>or</i> PHY 13001 General College Physics I (4) <i>and</i> PHY 13021 General College Physics I Laboratory (1)	3-5				PHY 13001 and 13021 fulfill Kent Core Basic Sciences
Kent Core Requirement	3				
Kent Core Requirement	3				See Kent Core Summary on page 2
Kent Core Requirement	3				
Semester Four: [12 Credit Hours]					
Kent Core Requirement	3				
Kent Core Requirement	3				See Kent Core Summary on page 2
General Electives (lower division)	6				Not required for AS degree holders
Semester Five: [14 Credit Hours]					
BSCI 20020 Biological Structure and Function	5				Fulfills Kent Core Basic Sciences
General Electives (lower division)	9				Not required for AS degree holders
Semester Six: [13 Credit Hours]					
HED 14020 Medical Terminology	3				
General Electives (lower division)	10				Not required for AS degree holders
Semester Seven: [14 Credit Hours]					
Note: Admission to the program is required to enroll in RIS courses					
RIS 34040 Patient Management in Diagnostic Medical Sonography	3	■	C	■	
RIS 34042 Abdominal Sonography I	3	■	C	■	
RIS 34044 Ultrasound Physics and Instrumentation	3	■	C	■	
RIS 34045 Ultrasound Clinical Education I	2	■	C	■	
RIS 34083 Sectional Anatomy in Medical Imaging	3	■	C	■	



Critical requirements are boldface in shaded areas

Course Subject and Title	Credit Hours	Upper Div.	Min. Grade	Major GPA	Important Notes
Semester Eight: [16 Credit Hours]					
RIS 34052 Abdominal Sonography II	3	■	C	■	
RIS 34060 Ultrasound Clinical Education II	4	■	C	■	
RIS 34062 Obstetric-Gynecology Sonography I	3	■	C	■	
RIS 44083 Pathophysiology for Medical Imaging	3	■	C	■	
RIS 44098 Research in Medical Imaging	3	■	C	■	Fulfills experiential learning and writing-intensive course requirements
Semester Nine [8 Credit Hours]					
RIS 34065 Ultrasound Clinical Education III	2	■	C	■	
RIS 34082 Small Parts Sonography	1	■	C	■	
RIS 44055 Ultrasound Clinical Education IV	1	■	C	■	
RIS 44072 Obstetric-Gynecology Sonography II	3	■	C	■	
RIS 44084 Ultrasound Image Evaluation	1	■	C	■	
Semester Ten [6 Credit Hours]					
RIS 44065 Ultrasound Clinical Education V	4	■	C	■	
RIS 44074 Vascular Sonography	2	■	C	■	

Graduation Requirements Summary

Minimum Total Hours	Minimum Upper-Division Hours	Minimum Kent Core Hours	Global / Domestic Diversity Course	Writing-Intensive	Experiential Learning	Minimum	
						Major GPA	Overall GPA
121	39	36	Kent Core or General Electives/PSYC 11762	RIS 44098	RIS 44098	2.750	2.000

Kent Core Summary

Kent Core Categories	Important Notes	Remaining Credit Hours
Composition (6-8 credit hours) <i>ENG 11002, 11011, 21011; HONR 10197, 10297</i>	Enrollment based on placement test	6-8
Mathematics and Critical Reasoning (3-5 credit hours)	Fulfilled in this major with MATH 11009 or MATH 11010	0
Humanities and Fine Arts (9 credit hours) <i>Minimum one course from humanities in Arts and Sciences category and minimum one course from fine arts category</i>	May fulfill diversity requirement	9
Social Sciences (6 credit hours) <i>Must be selected from two curricular areas</i>	3 credit hours are fulfilled in this major with PSYC 11762	3
Basic Sciences (6-7 credit hours) <i>Must include one laboratory</i>	5 credits are fulfilled in this major with BSCI 20020	1
Additional (6 credit hours)	May fulfill diversity requirement	6

Notes: Students should contact the diagnostic medical sonography program director at the Salem Campus for advising. Students transferring credit must meet the 30 semester hour residency rule as stated in the Undergraduate Catalog.

Kent Core

Students must complete a minimum 36 credit hours of the Kent Core. Certain courses required in programs and in student's major field may also fulfill the Kent Core. Honors equivalents shall satisfy the Kent Core. None of the courses on the Kent Core list may be taken with a pass/fail grade. Visit www.kent.edu/catalog/kent-core for course list.

Diversity Course Requirement

Students must complete a two-course diversity requirement, consisting of one with a domestic (U.S.) focus and one with a global focus. One course must come from the Kent Core. The second course may be taken as a second Kent Core, within a major or minor, or as a general elective; or, with dean's approval, by completing one semester of study in another country. Visit www.kent.edu/catalog/diversity for course list.

Writing-Intensive Course Requirement

Students must complete a one-course writing-intensive requirement in their major and earn minimum C (2.000) grade. Visit www.kent.edu/catalog/wic for course list.



Experiential Learning Requirement

To provide students with direct engagement in learning experiences that promote academic relevance, meaning and an understanding of real-world issues, students must complete this requirement at Kent State, either as a for-credit course or as a non-credit, non-course experience approved by the appropriate faculty member. Visit www.kent.edu/catalog/elr for course list.

Upper-Division Requirement

Students must complete a minimum 39 upper-division (numbered 30000 to 49999) credit hours of coursework. Programs in the College of Arts and Sciences require a minimum of 42 hours of upper-division coursework.

